

# Black Book

## The Ultimate Reference Book.

Ideal for engineers, trades people, apprentices, machine shops, tool rooms and technical colleges.



L100V3EN

L103V3EN

### Engineers Black Book 3rd Edition 68 NEW pages - L100V3EN and L103V3EN Large Edition 234 pages of:

- Standards
- Illustrations
- Grinding wheels
- Conversion factors
- Tapers
- Lubricants/Coolants
- Spur gear calculations
- Hardening & tempering
- G Codes
- Geometrical construction
- Formulae
- Engineering drawing standards
- Plastics
- Tolerances
- Bolts & nuts
- Tungsten carbide
- Keys & keyways
- Weights of metal
- Tapping drill sizes
- Speeds & feeds
- Equivalent charts
- Sharpening information
- Flange sizing
- Woodruff keys
- Retaining rings
- Counterboring/sinking
- Keyways and keyseats
- Reamer and drill bits
- Common workshop metals
- Tap selection guide
- Geometric dimensioning & tolerancing
- Extended angles conversions for cutting tapers
- Graph and design paper included

#### NEW

- O-Rings
- Bearings
- Adhesives
- Taper pins
- T-Slot sizing



L300V2EN

### Electrical Black Book 2nd Edition - L300V2EN 212 pages of:

- Electrical safety laws of electricity electrical conductors
- Electrical codes & standards
- Electrical conduit & conduit bending
- Electrical formulae & conversion factors transformers & motors
- Electrical socket-outlets, switches & enclosures
- Led lighting, fibre optics & data cabling ...and more



L200V1EN

### Fasteners Black Book 1st Edition - L200V1EN 248 pages of:

- Screw thread fundamentals
- Standards
- Thread classes
- Thread terminology
- Grades
- Heat treatment
- Materials & coatings
- Failures & corrosion
- Fastener strengths & markings
- Tolerances
- Material selection
- Hydrogen embrittlement
- Screw thread profiles
- Dimensional specifications DIN / ISO / ANSI
- Galling
- Torque control
- Platings
- Elevated temperature effects

